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ASSOCIATIONS and SOCIETIES

American Canal Society <http://www.americancanalsociety.org/> Promotes the wise use of America's many historic canal resources through research, preservation, restoration, recreation, and parks. The society acts as a national clearing house of canal information and co-operates with local and state canal societies, groups, and individuals to identify historic canal resources, to publicize canal history, activities, activities, and problems, and to take action on threatened canals and sites.

American Society of Naval Engineers <http://www.navalengineers.org/> The purpose of the Society is to advance the knowledge and practice of naval engineering in public and private applications and operations, to enhance the professionalism and well-being of members, and to promote naval engineering as a career field.

Baltic and International Maritime Council (BIMCO) <http://www.bimco.dk/> The world's largest shipping association.

British Hydrological Society <http://www.hydrology.org.uk/> The Society caters to those with an interest in the inter-disciplinary subject of hydrology, aims to promote interest and scholarship in scientific and applied aspects of hydrology and fosters the involvement of its members in national and international activities.

Canadian Coastal Science and Engineering Association <http://www.cciw.ca/ccsea/intro.html> The Association provides a forum to address issues relevant to Canada's coastal zones (Atlantic, Pacific, Great Lakes and Arctic) - bringing together scientists, engineers and managers from a broad range of disciplines, all with a common interest in the coastal zone.

Canal Corridor Association <http://www.canalcor.org/> The Canal Corridor Association preserves history, protects nature and open spaces, and creates destinations where people

can learn and have fun in the I&M Canal National Heritage Corridor, from Lake Michigan in Chicago to the Illinois River in LaSalle/Peru.

International Association of Hydraulic and Research (IAHR) <http://www.iahr.org/>
IAHR promotes the advancement and exchange of knowledge through working groups, specialty symposia, congresses, and publications on water resources, river and coastal hydraulics, risk analysis, energy, environment, disaster prevention, industrial processes.

Inland Waterways Association (UK) <http://waterways.org.uk/index.htm>

Inland Waterways Association of Ireland <http://www.iwai.ie/>

Inland Waterways Heritage Network (UK) <http://www.canaljunction.com/iwhn/>

Inland Waterways International <http://www.inlandwaterwaysinternational.org/> Inland Waterways International represents the many interests of waterways worldwide.

Intermodal Association of North America <http://www.intermodal.org/> IANA is North America's leading industry trade association representing the combined interests of the intermodal freight industry.

International Association Cities and Ports <http://www.aivp.com/defaultgb.htm>
Highlights international activities, conferences, a directory of members, and membership information. The association is an international network of decision makers and technicians in the development of ports.

International Association of Classification Societies <http://www.iacs.org.uk/index1.htm> Dedicated to safe ships and clean seas, IACS makes a unique contribution to maritime safety and regulation through technical support, compliance verification and research and development.

International Association of Hydrological Sciences <http://www.cig.enscm.fr/~iahs/>
The Association promotes the study of hydrology as an aspect of the earth sciences and of water resources; to study the hydrological cycle on the earth and the waters of the continents; the surface and groundwaters, snow and ice, including their physical, chemical and biological processes, their relation to climate and to other physical and geographical factors as well as the interrelations between them; to study erosion and sedimentation and their relation to the hydrological cycle; etc.

International Association of Maritime Economists <http://www.iame.nl/> IAME is an international forum for the exchange of information and views among those interested in the economic aspects of shipping, ports and other aspects of maritime economics. The interests span those of academics, managers and policy makers.

International Association the Rhine Ships Register <http://www.ivr.nl> International association for the representation of the mutual interests of inland shipping, insurance and for keeping the register of inland vessels in Europe.

International Council of Cruise Lines <http://www.iccl.org/> The mission of the International Council of Cruise Lines (ICCL) is to participate in the regulatory and policy development process and promote all measures that foster a safe, secure and healthy cruise ship environment. Under the direction of the chief executives of its member lines, ICCL advocates industry positions to key domestic and international regulatory organizations, policymakers and other industry partners. The ICCL actively monitors international shipping policy and develops recommendations to its membership on a wide variety of issues.

International Federation of Shipmasters' Association <http://www.ifsma.org/> Informational website of the Association.

International Labour Organization (UK) <http://www.ilo.org/public/english/dialogue/sector/sectors/mariti.htm> Information on shipping, ports, fisheries, inland waters, maritime security and links to other maritime industry sites.

International Navigation Association (PIANC) <http://www.pianc-aipcn.org> This is a worldwide, non-political and non-profit making organization, founded in 1885 to promote cooperation and progress in all technical and scientific areas related to navigation in general, both inland and maritime. PIANC is a scientific as opposed to a lobbying organization.

Scottish Inland Waterways Association <http://siwa.netfirms.com/>

Society of Naval Architects and Marine Engineers (SNAME) http://www.sname.org/new_sname_about.htm The Society is an internationally recognized nonprofit, technical, professional society of individual members serving the maritime and offshore industries and their suppliers. SNAME is dedicated to advancing the art, science and practice of naval architecture, shipbuilding and marine engineering, encouraging the exchange and recording of information, sponsoring applied research, offering career guidance and supporting education, and enhancing the professional status and integrity of its membership.

CANALS

Augusta Canal <http://www.augustacanal.com/> Explore the nation's only industrial power canal still in use for its original purpose. Built in 1845 to harness the water and

power of the Savannah River, the Augusta Canal offers history, recreation and unique experiences along its 8.5 miles of towpath and waterway.

Basingstoke Canal <http://www.basingstokecanal1.freemove.co.uk/> Generally regarded as being one of the most beautiful in the United Kingdom.

Blackstone Canal <http://ourworld.compuserve.com/homepages/davidaudreybarber/> The forty-five mile long Blackstone Canal was opened in 1828 connecting Worcester, Massachusetts to Providence, Rhode Island.

Canadian Canal Society/Société des Canaux du Canada <http://people.becon.org/~ccs/> The Canadian Canal Society/Société des Canaux du Canada is a non-profit, educational, scientific and historical organization, dedicated to the preservation of the canal heritage of Canada.

Canal Society of Indiana <http://www.indcanal.org/> Canal Society of Indiana with information on: Erie & Michigan Canals; Central Canal; Cross-Cut Canal; Wabash & Erie Canal; Whitewater Canal; Ohio Falls Canal; Richmond - Brookville Canal.

Canal Society of New Jersey <http://www.canalsocietynj.org/>

Canal Society of Ohio <http://my.ohio.voyager.net/~lstevens/canal/csoo/> Covers aspects of waterways including engineering, finance and international politics.

Champlain Canal <http://www.champlaincanal.net/> The history of America is rooted in the path between New York and Canada, which leads up the Hudson River and connects to Canada and the Great Lakes.

Chesapeake and Ohio Canal http://www.nps.gov/choh/co_visit.htm The Chesapeake and Ohio Canal, started as a dream of passage to western wealth, operated as a conduit of eastern coal, suffered extensive and finally fatal flooding, and then resisted being paved as a highway. Today it endures as a national historical park--a pathway into history, nature and recreation.

Cruising Guide to the Canals and Waterways of the Northeastern United States <http://www.bargecanals.com/Waterways.shtml> Cruising guide to the canals and waterways of the Northeastern United States waterways including: the Hudson River, Niagara River, Georgian Bay, Lake Ontario, Cayuga Lake, Lake Champlain, Oneida Lake, Seneca Lake.

Daslands Canal (Sweden) <http://www.dalslandskanal.se/>

Delaware and Hudson Canal <http://www.nps.gov/upde/d&hcanal.htm> The Delaware and Hudson Canal, expanded, struggled and transformed throughout the 19th century to

become part of a 171-mile transportation system from Pittston, PA to Kingston, NY before its demise in 1898. Today, scattered remnants of this once profitable venture remind us of inevitable changes as technology continues to evolve.

Delaware and Lehigh National Heritage Corridor <http://www.nps.gov/dele/index.htm>
Canals and railroads-remnants of Northeastern Pennsylvania's prosperous coal age-form the spine of this more than 150-mile Corridor.

Erie Canal Online <http://www.syracuse.com/features/eriecanal/> By the late 20th century, the importance of the Erie Canal shifted to recreation. It still connects the Great Lakes and inland waterways to the Hudson River and on to the Atlantic.

EuroCanals <http://www.eurocanals.com/> EuroCanals presents the waterways of Europe, researching the canals and rivers of: France, England, Scotland, Ireland, Norway, Sweden, Finland, Belgium, Holland Germany, Portugal, Spain, Italy and Denmark.

European Network "VEV" (Living Waterways) <http://www.canalhistory.net> The VEV network brings together, 5 European regions and 4 waterway authorities or related associations in a 2-year experimental project designed to promote transnational collaboration on regional development planning. Outputs of the 55 projects conducted in France, UK, Sweden, Belgium and Italy are designed to contribute to the process of developing the European Spatial Development Perspective (ESDP).

Illinois & Michigan Canal <http://www.nps.gov/ilmi/index.htm> The Illinois & Michigan Canal, completed in 1848, connected the Great Lakes to the Mississippi River watershed along a longstanding Indian portage route. The 97-mile canal extended from the Chicago River near Lake Michigan to the Illinois River at Peru, Illinois.

Morris Canal Fact Pages and Delaware and Raritan Canal Fact Pages
<http://www.canalsocietynj.org/njcanals.html>

New York State Canal System <http://www.canals.state.ny.us/> This is the official Website of the New York State Canal System. The New York State Canal Corporation is a subsidiary of the New York State Thruway Authority, a historic 524-mile waterway.

Ohio Canal Corridor <http://www.ohiocanal.org/> A park system that follows the route of the historic Ohio Canal from Cleveland through Zoar to Dover/New Philadelphia by promoting historic preservation and interpretation expanded recreational opportunities and sensitive economic developments.

Old Santee Canal Park <http://www.oldsanteecanalpark.org/> The park commemorates South Carolina beautiful natural resources and emphasizes the historical significance of the Santee Canal.

Oswego River Basin <http://www.canals.state.ny.us/faq/oswego/> The Oswego River Basin is located in Central New York. It encompasses the Erie Canal from Macedon to Rome and the Cayuga-Seneca and Oswego Canals. It drains a total area of 5,122 square miles into Lake Ontario. The area of the basin is larger than the states of Rhode Island and Delaware combined.

Panama Canal Authority <http://www.pancanal.com/> Informational website of the Panama Canal Authority.

Patowmack Canal <http://www.nps.gov/gwmp/grfa/canal/pato.htm> The Potomac River was the shortest route between tidewater, with access to East Coast and trans-Atlantic trade, and the headwaters of the Ohio River, with access to the western frontier.

Pennsylvania Canal Society <http://pa-canal-society.org/sites.htm#21> Some of the canals mentioned on this site are still navigable.

Railway and Canal Historical Society (UK)
<http://www.bodley.ox.ac.uk/external/rchs/index.html> The purpose of the society is bring together all those interested in the history of transport, with particular reference to railways and waterways, its main objects are to promote historical research and to raise the standard of published history.

Rideau Canal Waterway <http://www.rideau-info.com/canal/> The Rideau Canal Waterway is a boater's paradise, attracting pleasure boats from across North America to travel its 202 kilometers (125 mile) length. It stretches from Kingston, at the foot of Lake Ontario, to Ottawa, Canada's capital.

Savannah and Ogeechee Canal <http://georgiatrains.com/trails/socanal.html> Although the Savannah and Ogeechee did not rival other canals in length or in amount of goods transported, it was an important route for the coastal plantations to get their crops to market.

Suez Canal.com <http://www.suezcanal.com/> Suez Canal information as well as Middle East news.

United Canal Agency <http://www.kiel-canal.de/> The UCA is a shipping agency at the Kiel-Canal - the most frequented artificial waterway in the world.

Virginia Canals and Navigations Society <http://organizations.rockbridge.net/canal/> The Virginia Canals and Navigations Society's web pages offer general information of value to its members and interested "canal buffs" in all its fascinating aspects.

ELECTRONIC JOURNALS

American Shipper (Journal of International Logistics)

<http://www.americanshipper.com/> Covering international logistics and transportation since 1951.

Canal Boat and Inland Waterways (UK) <http://www.canalboatmagazine.com/>

Britain's biggest waterways magazine.

Containerisation International <http://www.ci-online.co.uk/> The online business news and information service from Containerisation International.

Dredging News Online <http://www.sandandgravel.com/news/> A biweekly publication for those involved in the international dredging industry, ports and harbors, and marine contracting. Includes information on hydrographic survey, new technology, new vessels, research and development, company news, and project profiles.

Fairplay International Shipping Weekly <http://www.fairplay.co.uk/magazine/> Lloyd's Register - Fairplay is the only company able to provide complete details of the world's fleet of over 91,000 vessels.

Fast Ferry International <http://www.fastferryinfo.com/CurrentIssue.asp> The magazine is the primary source of information for the fast ferry industry worldwide. A comprehensive news section is followed by feature articles covering new vessels and designs, items on technical innovations, and reports from operators around the world.

Florida Shipper <http://www.floridashipper.com/> The Journal of Commerce Florida Shipper offers export sailing schedules from Florida ports to international destinations.

Gulf Shipper <http://www.gulfshipper.com/> The Journal of Commerce Gulf Shipper offers export sailing schedules from U.S. Gulf Coast ports to international destinations.

Hazardous Cargo Bulletin

<http://www.hazardouscargo.com/NASApp/cs/ContentServer?pagename=LLPortal/HazardousCargo> Hazardous Cargo Bulletin has been acknowledged as the leading magazine for those involved in the transport, storage and handling of chemicals, gases and oils and related materials worldwide for over 23 years.

IMO News http://www.imo.org/Newsroom/mainframe.asp?topic_id=701 The purposes of the International Maritime Organization, are "to provide machinery for cooperation among Governments in the field of governmental regulation and practices relating to

technical matters of all kinds affecting shipping engaged in international trade; to encourage and facilitate the general adoption of the highest practicable standards in matters concerning maritime safety, efficiency of navigation and prevention and control of marine pollution from ships".

Informare Maritime Database www.informare.it Online newspaper devoted to the world of maritime transport.

Jane's <http://www.janes.com/> Transportation news.

Journal of Commerce (JOC) Online <http://www.joc.com/> Electronic version of the Journal of Commerce.

Journal of Maritime Law and Commerce <http://www.jmlc.org> The Journal covers all of admiralty and maritime law, including law of the sea, publishing on ocean commerce and shipping, cargo and its containers, the marine environment and marine antiquities, seamen, longshoremen, stevedores and harbor workers, salvage, collision, fishing, rules of the road, cruise ships and racing.

Journal of Maritime Research <http://www.jmr.nmm.ac.uk/> The JMR publishes innovative, multi-disciplinary research on maritime subjects ranging from contemporary issues to the political, economic, cultural and social aspects of maritime history. The journal also includes up-to-date conference reports, résumés of work in progress by leading scholars and extensive book reviews.

Journal of Ship Research <http://www.catchword.com/titles/00224502.htm> Journal of the Society of Naval Architects and Marine Engineers (SNAME)

Journal of Transportation and Statistics <http://www.bts.gov/programs/jts/> The Journal is a scholarly, peer-reviewed journal sponsored by the Bureau of Transportation Statistics (BTS) of the U.S. Department of Transportation (DOT). The journal serves the transportation community by increasing the understanding of the role of transportation in society, its function in the economy, and its interactions with the environment.

Marine Log <http://www.marinelog.com/> Marine Log is America's most respected marine industry monthly. It is dedicated to providing marine industry professionals with the information they need to enable them to design, build and operate vessels, rigs and offshore structures, profitably, safely, legally and in an environmentally responsible manner.

Motor Ship <http://www.hhc.co.uk/> The Motor Ship is a marine technology magazine. It covers most major marine markets and people who design, build, repair and operate large ocean-going merchant ships. The journal is renowned for its coverage of internal

combustion engine technology as well as all other aspects of large ship design, operation and maintenance.

NSnet – Maritime News and Information <http://www.nsnet.com/> Shipping industry news.

Ports Guide Online <http://www.portguide.com> A Fairplay publication.

Professional Mariner: The Journal of the Maritime Industry
www.ProfessionalMariner.com An online resource for the maritime industry.

Seafarers LOG <http://www.seafarers.org/log> The Seafarers LOG is the monthly newspaper published by the Seafarers International Union, Atlantic, Gulf, Lakes and Inland Waters District/NMU, AFL-CIO. The LOG is the SIU's official organ.

Shipping Digest: The National Shipping Weekly of Export Transportation
www.shippingdigest.com The Journal of Commerce Shipping Digest offers the schedules of steamship lines and non-vessel operating common carriers offering services from ports on all the coastal ranges of North America.

Shipping Times <http://business-times.asia1.com.sg/shippingtimes> From the Business Times of Singapore.

Sources of Information in Transportation, Inland Waters Transportation, 5th edition, September 2001 http://www.ntl.bts.gov/ref/biblio/inland_water/ Topical bibliography compiled by members of the Special Libraries Association (SLA) Transportation Division.

Sources of Information in Transportation, Maritime Transportation, 5th edition, September 2001 <http://199.79.179.78/ref/biblio/maritime/> Topical bibliography compiled by members of the Special Libraries Association (SLA) Transportation Division.

South African Shipping News and Fishing Industry Review
http://www.gwarmanpublications.co.za/p_02_sasn.htm The magazine provides a forum within the industry by publishing stories on a wide range of marine related topics such as news and features on ships, cargoes, ports, marine engineering, ship building, repairs and maintenance, ship service facilities, marine exploration and exploitation, as well as maritime law and insurance.

Terra et Aqua <http://www.iadc-dredging.com/terra-et-aqua/> An international journal covering public works, ports and waterways developments.

TrafficWorld: The Logistics News Weekly <http://www.trafficworld.com/index.asp>
Electronic version of TrafficWorld magazine.

U.S. Coast Guard, Proceedings of the Marine Safety Council

<http://www.uscg.mil/hq/g-m/nmc/pubs/proceed/> Free electronic subscription.

U.S. Department of Transportation, Maritime Administration. Maritime Brochures and Publications Index <http://marad.dot.gov/Publications/pubs.html>

U.S. Office of the Federal Register. Code of Federal Regulations

<http://purl.access.gpo.gov/GPO/LPS494>

U.S. Office of the Federal Register. Code of Federal Regulations. Title 33 - Navigation and Navigable Waters

<http://www.access.gpo.gov/uscode/title33/title33.html>

U.S. Office of the Federal Register. Code of Federal Regulations. Title 46 - Federal Regulations Part 10 Licensing of Maritime Personnel

<http://www.uscg.mil/d14/units/msohono/msorec/regulations/licregs.htm>

Water Quality Research Journal of Canada <http://www.cciw.ca/wqjrc/wqrjce.htm>

The Water Quality Research Journal of Canada publishes peer-reviewed papers on all aspects of water quality research, which include: Surface and ground water quality, polluted precipitation, wastewater treatment processes, aquatic ecotoxicology, review articles of water pollution situations or fields of research, etc.

GENERAL REFERENCES

Admiralty and Maritime Law Guide <http://www.admiraltylawguide.com/index.html>

The Guide includes over 1,500 annotated links to admiralty law resources on the Internet and a growing database of admiralty case digests and opinions, arbitration award abstracts and international maritime conventions. The emphasis is on the law of the United States and the focus is on Internet resources that can be used in an effective and practical manner by admiralty attorneys and maritime professionals. Internet sites that are notably comprehensive in their treatment of admiralty law or a related area are marked with flags.

Admiralty Law Materials <http://wwwsecure.law.cornell.edu/topics/admiralty.html>

Presents a collection of admiralty law or maritime law materials, provided by the Legal Information Institute at Cornell Law School in Ithaca, New York. Admiralty law governs navigation and shipping. Includes federal statutes, federal agency regulations, federal judicial decisions and rules, state statutes, state judicial decisions, and conventions and treaties. Links to other resources with related information. An interactive map resides

here for Port Facility Information. The "Port Series Reports" summarized here cover nearly 10,000 facilities in more than 200 port areas.

AgriBiz Markets and Analysis <http://www.agribiz.com/agInfo/resTrans.html> A free information resource for the global agricultural community. Includes information on daily U.S. west coast vessel line-up, barge grain movements, ocean trade tenders, U.S. flooding conditions, locks and rivers conditions reports, vessel searching, navigation information, etc.

Applying Advanced Information Systems to Ports and Waterways Management <http://www.netLibrary.com/urlapi.asp?action=summary&v=1&bookid=8693> Electronic book.

Arctic Council <http://www.arctic-council.org/transportation-links.html> An intergovernmental forum, the Council provides a mechanism to address the common concerns and challenges faced by the Arctic governments and the people of the Arctic. The main activities of the Council focus on the protection of the Arctic environment and sustainable development as a means of improving the economic, social and cultural well being of the north.

Ballast Water News <http://globallast.imo.org/index.asp?page=newsletter.asp&menu=true> The Ballast Water News contains updates on the GloBallast Programme and articles about latest developments in ballast water issues.

Containershipping.com <http://www.containershipping.com> A regularly researched free service, dedicated to container shipping, providing links to sources of news, market reports, statistics, analysis, directories, guides and more.

Cruising America's Waterways Locator Map <http://members.aol.com/americacruising/map.html> This site describes 20 destinations including rivers, estuaries, canals, and even one reservoir – all suitable for a cruise of a least several days.

Fairplay Ports Guide <http://www.portguide.com/> The Ports and Terminals Guide Online has been developed to bring you the very latest information on ports and terminals worldwide and the companies who provide services in them.

Glossaries and Terminology - World Marine Index <http://www.seacompanion.com/index2.htm> The objective of SeaCompanion is to provide the marine industry with a contact platform for efficient and easy information retrieval, and for establishing business and other related relationships.

Infomarine Online Shipping Directory <http://www.infomarine.gr/> The virtual marine Internet portal site is designed to cater to the needs of marine professionals from around the world and contains a detailed directory and dynamic search engine, web links on: marine companies, ship owners, ship repairers, ship suppliers, that are generally related to the world shipping industry.

International Salvage Union <http://www.marine-salvage.com/> International Salvage Union (ISU) member companies provide essential services for the world's maritime and insurance communities. Members are engaged in marine casualty response, pollution defense, wreck removal, cargo recovery, towage and related activities.

Lloyd's Maritime Information Service <http://www.lloydsmiu.com/> Your trusted intelligent information source on merchant shipping.

Lloyd's Register <http://www.lr.org/code/home.htm> Lloyd's Register is an independent risk management organization that works to improve its clients' quality, safety, environmental and business performance.

Maritime Global Net <http://www.mglobal.com/> An information and communications resource for the international maritime community provided by Maritime Information Systems, Inc. in Bristol, Rhode Island. Provides access to maritime information systems, related associations and societies, government resources, intermodal transportation, marine transportation, news, publications, world ports, vendors, and products.

Maritime Trade and Transportation 99

http://www.bts.gov/publications/maritime_trade_and_transportation/ This report is a cooperative effort of the Bureau of Transportation Statistics (BTS), the Maritime Administration (MARAD), and the U.S. Coast Guard (USCG) in the U.S. Department of Transportation (US DOT), with contributions from the U.S. Army Corps of Engineers. It is the result of an ongoing effort by BTS, MARAD, and USCG to provide comprehensive and relevant maritime-related statistics and information to decision makers at all levels of government and in private industry.

National Shipbuilding Research and Documentation Center

<http://www.usashipbuilding.com/home.html> Includes full text documents, research reports and other publications.

National Transportation Statistics 2000-2002 <http://www.bts.gov/publications/nts/>

The annual National Transportation Statistics (NTS) report, compiled and published by the Bureau of Transportation Statistics (BTS), is the transportation equivalent of the Census Bureau's Statistical Abstract of the United States.

NIMA Digital Navigation Publications <http://164.214.12.145/pubs/> The place to find all National Imagery and Mapping Agency (NIMA) navigation publication produced in digital format.

Office of Naval Research www.onr.navy.mil The Office coordinates, executes, and promotes the science and technology programs of the U.S. Navy and Marine Corps through schools, universities, government laboratories, and nonprofit and for-profit organizations. It provides technical advice to the Chief of Naval Operations and the Secretary of the Navy and works with industry to improve technology-manufacturing processes.

PortFocus <http://portfocus.com/> Looking for marine transportation links, maritime services, yacht and boat supplies, shipping cruise and sea freight links, bunker fuels and bunkering, information about a port, harbor or marina? This is a source for this type of information worldwide.

SeaNet <http://www.seanet.co.uk/> Presents an online information resource dedicated to the worldwide shipping community. Includes a trade directory, press releases, news items, and a daily quote. Offers access to reports, indices, and a notice board. Provides access to financial data, weather reports, and a FAQ section. Links to maritime associations and other related sites.

Seatrade Web www.seatrade-global.com Leading the field in maritime publications, conferences, exhibitions, training, and other special projects.

Shiprepair and Conversion Technology www.rina.org.uk The Royal Institution of Naval Architects is an internationally renowned professional institution whose members are involved at all levels in the design, construction, repair and operation of ships, boats and marine structures. Members of the RINA are widely represented in industry, universities and colleges, and maritime organizations in over 80 countries.

Shipyard Chronicle Association <http://www.shipbuilders.org/NewsletterIndex.htm> The publication is devoted to keeping members up to date on the latest legislative and regulatory developments. It also includes a monthly schedule of upcoming association and industry related government meetings, as well as a profile of an SCA member company.

TRAN File: Transportation Article File <http://tran.library.northwestern.edu> Northwestern University's Transportation Library TRAN File contains bibliographic and location information for magazine articles, conference papers, and other material on transportation and law enforcement topics. Coverage in the online file generally extends back through 1979 and for scholarly journals generally back through 1976.

Transportation Indicators Report - December 2002

<http://www.bts.gov/transtu/indicators/> NOTE: This is the final issue of this report. This product is being discontinued due to a change in the Bureau of Transportation Statistics' priorities. Some of these indicators will still be maintained on a new indicators website that is currently under construction.

Transportation Institute <http://www.trans-inst.org> The Transportation Institute monitors U.S. maritime policy for cargo shipping, passenger vessels, tugboats, barges, riverboats, merchant mariners and cabotage on American rivers, ports, Great Lakes and international waters.

Transportation Research Board (TRB), Marine Board

http://www4.nationalacademies.org/trb/homepage.nsf/web/marine_board The Marine Board of the National Research Council (NRC) became part of the Transportation Research Board (TRB) on April 1, 1999. The Marine Board was previously part of the NRC's Commission on Engineering and Technical Systems (CETS).

Transportation Research Information Services (TRIS) Database.

<http://ntl.bts.gov/tris> TRIS is the world's largest and most comprehensive bibliographic resource on transportation information. TRIS contains over a half million records of published and ongoing research on all modes and disciplines in the field of transportation.

U.S. Army Corps of Engineers <http://www.usace.army.mil> Informational website of the U.S. Army Corps of Engineers.

U.S. Army Corps of Engineers, Navigation Data Center

<http://www.iwr.usace.army.mil/ndc/index.htm> The NDC maintains a variety of U.S. water transportation information systems. These include databases and statistics pertaining to waterborne commodity and vessel movements, domestic commercial vessel characteristics, port and waterway facilities, lock facilities, lock operations, and navigation dredging projects.

U.S. Army Corps of Engineers, Publications from the Navigation Data Center

<http://www.wrsc.usace.army.mil/ndc/publications.htm> Statistical data is provided by Navigation Data Center to include waterborne commerce of the United States (WCUS), waterways and harbors; commodity movements; waterborne tonnage for principal U.S. ports and all 50 states and U.S. territories; waterborne transportation lines of the United States (WTLUS); port series reports; dredging information system; and summary of lock statistics and characteristics.

U.S. Army Corps of Engineers, U.S. Foreign Waterborne Transportation Statistics Program <http://www.marad.dot.gov/statistics/usfwts/index.html> Provides official monthly, quarterly, and annual U.S. waterborne transportation statistics.

U.S. Coast Guard (USCG) <http://www.uscg.mil/USCG.shtm> The United States Coast Guard is a military, multimission, maritime service and one of the nation's five Armed Services. Its mission is to protect the public, the environment, and U.S. economic interests – in the nation's ports and waterways, along the coast, on international waters, or in any maritime region as required to support national security.

U.S. Department of Transportation, Bureau of Transportation Statistics. The National Transportation Library (NTL) <http://ntl.bts.gov/index.cfm> The National Transportation Library is a repository of materials from public and private organizations around the country. The Library is intended to facilitate the exchange of information related to transportation. The Library contains documents and databases provided by the authors free of any restriction on reproduction.

U.S. Department of Transportation, Bureau of Transportation Statistics. The National Transportation Library (NTL) Digital Collection http://ntl.bts.gov/digital_collection.cfm Collection of thousand of electronic documents and websites arranged by transportation modes and categories.

U.S. Department of Transportation, Maritime Administration <http://www.marad.dot.gov/index.asp> The overall mission of the Maritime Administration (MARAD) is to promote the development and maintenance of an adequate, well-balanced U.S. merchant marine, sufficient to carry the Nation's domestic waterborne commerce and a substantial portion of its waterborne foreign commerce, and capable of serving as a naval and military auxiliary in time of war or national emergency.

U.S. Department of Transportation, Maritime Administration Publication Files <http://www.marad.dot.gov/publications/index.html> Search for MARAD publications such as: general reference, marine transportation system, ports and domestic shipping, ship operations, security, statistics, etc.

U.S. Department of Transportation, Maritime Administration. U.S. Foreign Waterborne Transportation Statistics Program <http://www.marad.dot.gov/statistics/usfwts/index.html> Is a website providing access to water transportation statistical and numeric databases, including port activity, imports and exports.

U.S. Environmental Protection Agency. Oil Spill Response <http://www.epa.gov/oilspill/respmgnt.htm> Informational website and procedures to report oil spills.

U.S. Geological Survey (USGS) National Water Information System NWISWeb <http://waterdata.usgs.gov/nwis> These pages provide access to water-resources data collected at approximately 1.5 million sites in all 50 States, the District of Columbia, and Puerto Rico.

U.S. Geological Survey (USGS) Water Resources Home Page <http://water.usgs.gov>
Informational website on U.S. water resources data.

U.S. House Committee on Transportation and Infrastructure
<http://www.house.gov/transportation/cgmt/>

INLAND WATERS

Alabama Waterways <http://members.aol.com/americancruising/alabama.html> Alabama Waterways, includes the Alabama, Black Warrior, Mobile, Tombigbee Rivers and the Tennessee--Tombigbee Waterway. This river system, mostly in Alabama but partly in the state of Mississippi, consists of the short Mobile River (formed by the confluence of the Tombigbee and Alabama Rivers), the tributary Black Warrior River and the Tenn-Tom Waterway.

Barge Fleet Profile <http://www.sparkSCO.com/BFP.htm> This publication seeks to identify the line haul, commodity carrying fleet of inland barges operating on the Mississippi River System, its connecting waterways and the Gulf Intracoastal Waterway. Data and information are gathered through an annual survey of operators, personal contact, use of available Corps of Engineers and Coast Guard statistics and reference to the author's historic research materials.

British Waterways <http://www.britishwaterways.co.uk/site/Home%255F1.asp> The purpose of this site is to reveal the hidden world of Britain's inland waterway networks, how you can find and enjoy them, how they are managed and how you could get involved in their future conservation.

Columbia River Channel Coalition <http://www.channeldeepening.com/> The Coalition provides information to elected officials and community leaders to help build regional and national consensus for the Columbia River Channel Deepening Project.

Cumberland River <http://members.aol.com/americancruising/cumberland.html> The Cumberland River flows nearly 700 miles from east to west, through the northern section of Tennessee. It dips down to Nashville, then back northwestward into Kentucky to its mouth on the Ohio River. About half of the river has been made navigable by a series of locks and dams.

Department for Environment Food and Rural Affairs (UK)
<http://www.defra.gov.uk/environment/bw/> The work of DEFRA's inland waterways section branch is mainly to ensure effective sponsorship of British waterways and to oversee navigation functions of the Environment Agency and other navigation

authorities.

Donau Transport Entwicklungsgesellschaft Via Donau (Austria) <http://www.via-donau.org> Informational website for the Danube waterway.

Great Lakes Commission <http://www.glc.org/> The Great Lakes Commission is a binational agency that promotes the orderly, integrated and comprehensive development, use and conservation of the water and related natural resources of the Great Lakes basin and St. Lawrence River.

Great Lakes Industrial History Center <http://web.ulib.csuohio.edu/SpecColl/glihc/> The Great Lakes Industrial History Center provides a resource where the public can gain an appreciation for the efforts and accomplishments of business and industry which led to the opening of the Great Lakes and the industrial development of adjacent regions and where visitors are inspired to continue the pursuit of inventiveness, ingenuity, and excellence.

Great Lakes Information Network <http://www.great-lakes.net/> The Great Lakes Information Network (GLIN) is a partnership that provides one place online for people to find information relating to the binational Great Lakes-St. Lawrence region of North America. GLIN offers a wealth of data and information about the region's environment, economy, tourism, education and more.

Great Lakes/St. Lawrence Seaway System <http://www.seaway.ca/> Presents information on the Great Lakes/St. Lawrence Seaway System, operated and maintained by the St. Lawrence Seaway Authority and the St. Lawrence Seaway Development Corporation.

Inland Navigation Europe <http://www.inlandnavigation.org> Inland Navigation Europe is the platform for the promotion of inland waterway transport in Europe. It was created in 2000 with the support of the European Commission.

Inland Waterways <http://www.moxietraining.com/programs/InlandWaterways.htm> Vendor of hazcom, hazmat, hazwoper, firefighting, spill response, safety, etc... videos and educational materials.

Inland Waterways Observatory
http://europa.eu.int/comm/transport/iw/en/site_map_en.htm European Union website containing data and regulations on European inland waters.

Inland Waterways of England and Wales
<http://easyweb.easynet.co.uk/jim.shead/Inland-Waterways-of-England.html> Description of inland waterways of England. Good source for literature on different Canals.

International Inland Waters Concepts for a More Active World Bank Role

<http://www.netLibrary.com/urlapi.asp?action=summary&v=1&bookid=32691> Electronic book.

London's Inland Waterways http://members.lycos.co.uk/michael_lennox/ Cruising information for London's waterways.

Louisiana Waterways <http://www.enlou.com/places/water.htm> Water has always been important to the history and development of Louisiana. The Mississippi River and the Gulf of Mexico are only the first to come to mind, but every bayou, lake, creek and bay has its own history and resources.

McClellan-Kerr Arkansas River Navigation System (MCKARNS)

<http://www.swl.usace.army.mil/navigation/mckarns.html> Four hundred and forty-five miles long with 17 locks and dams, the McClellan-Kerr Arkansas River Navigation System (MCKARNS) is a reliable, year-round waterway into the Southwest. Essentially a series of navigation pools connected by locks, the waterway enables vessels to overcome a 420-foot difference in elevation from the Mississippi River to the head of navigation at Catoosa, Oklahoma.

Promotion Council for Inlandshipping (Netherlands) <http://www.inlandshipping.com>

The Council is an independent organization that aims to promote water-based transport by means of promotion and information.

Trent-Severn Waterway <http://www.ftsw.com/> Meandering 386 km across Ontario, Canada, the Trent-Severn Waterway links the Bay of Quinte with Georgian Bay.

U.S. Waterways Data - Locks Statistics

<http://www.iwr.usace.army.mil/ndc/data/dictionary/ddpms.htm> U.S. Waterways Data - Locks Statistics from the U.S. Army Corps of Engineers

United Kingdom Inland Waterways Link <http://www.nb-whisper.com/canallnks.html>

An exhaustive collection of (predominantly) United Kingdom inland waterways links.

United Kingdom Waterways <http://easyweb.easynet.co.uk/jim.shead/WW-List.html>

World Wide Water Web <http://www.thewaterweb.net/> Canal by canal, river by river - a comprehensive inland waterways website.

MARITIME

Determinants of Maritime Transport Costs

http://www.iadb.org/res/index.cfm?fuseaction=Publications.View&pub_id=WP-441 Full text electronic book.

International Marine Simulation Forum (IMSF)

http://www.imsf.org/home_frame.htm The aim of IMSF is to provide a forum for professionals involved in the advancement of maritime education, training, and research through the use of simulation.

Maritime Environmental Resources and Information

<http://www.uno.edu/~engr/meric/index.html> Its mission is to develop a national depository of environmental data regarding shipbuilding and related activities, establish a network linking industry with research and proven technologies and provide outreach training and educational programs for the maritime industry.

Maritime History (UK) <http://www.cronab.demon.co.uk/marit.htm> Its aim is to present a wide ranging collection of articles covering all aspects of maritime history, including the publication of original naval documents from the end of the 18th and the beginning of the 19th centuries.

Maritime History on the Internet <http://www.ils.unc.edu/maritime/general.html>. This site guides visitors in methods of doing maritime history research on the Internet.

Maritime Links Directory <http://www.imarest.org/links/> A directory of maritime web sites maintained by the Institute of Marine Engineers.

Maritime Links <http://www.usmm.org/links.html> U.S. Merchant Marines organization maritime links.

Maritime Transport Costs and Port Efficiency

http://www.iadb.org/res/index.cfm?fuseaction=Publications.View&pub_id=S-113 Full text book.

Maritime Transport Crisis

<http://www.netLibrary.com/urlapi.asp?action=summary&v=1&bookid=33775> Electronic book.

Maritime Transportation Centers <http://www.metrans.org/UTC/Maritime.htm>

METRANS is a U.S. Department of Transportation designated University Transportation Center devoted to solving the transportation problems confronting major metropolitan areas using an integrated approach that blends the disciplines of engineering, policy, planning, public administration, and business administration. METRANS has a multi-modal orientation, with emphasis on goods movement, transit and highway infrastructure renewal.

Maritime Transportation System (MTS) <http://mts.tamug.tamu.edu/> University of Texas A&M directory includes news, maritime history, maritime legislation, waterways development, archives, economic impact papers, international waterways, etc.

MERMAID: Maritime Economic Resources and Marine and Intermodal <http://maritime.tamu.edu/index.stm> University of Texas A&M Mermaid is dedicated to providing you with the most current links to the maritime industry.

Mother of All Maritime Links <http://www.boat-links.com/boatlink.html> No kidding, there is so much stuff here, it is amazing and it appears to be constantly updated.

National Maritime Center (NMC) <http://www.uscg.mil/hq/g-m/nmc/web/> The National Maritime Center (NMC), a Coast Guard Headquarters field unit, was established after the July 1995 Marine Safety and Environmental Protection re-organization. They actively pursue new and innovative ways to assist the maritime community in gaining and using the services of the Coast Guard.

Nautigalia <http://www.nautigalia.com/> One of the best maritime/nautical Internet portals in the Spanish language.

SeaCompanion World Marine Index <http://www.seacompanion.com/> SeaCompanion provides information on marine organizations, institutions and companies, several databases are included, all searchable by free text, key-word and/or pre-defined categories.

U.S. Federal Maritime Commission (FMC) <http://www.fmc.gov/> The Commission has the statutory authority to take actions to correct or counterbalance adverse, unfair or unfavorable foreign practices which affect U.S. shipping or U.S. carriers in international commerce.

U.S. National Ocean Service, Center for Operational Oceanographic Products and Services. NOAA Physical Oceanographic Real-Time Systems <http://www.co-ops.nos.noaa.gov/d%5Fports.html> The Physical Oceanographic Real-Time System (PORTS) is a program of the National Ocean Service that supports safe and cost-efficient navigation by providing ship masters and pilots with accurate real-time information required to avoid groundings and collisions. PORTS includes centralized data acquisition and dissemination systems that provide real-time water levels, currents, and other oceanographic and meteorological data from bays and harbors to the maritime user community in a variety of user friendly formats, including telephone voice response and Internet.

PORTS

American Association of Port Authorities <http://www.aapa-ports.org/> AAPA, the alliance of leading ports in the Western Hemisphere, protects and advances the common interests of its diverse members as they connect their communities with the global transportation system.

Clean Ships, Clean Ports, Clean Oceans: Controlling Garbage and Plastic Wastes at Sea <http://www.netlibrary.com/urlapi.asp?action=summary&v=1&bookid=2500>
Electronic book.

Delaware River Port Authority of Pennsylvania and New Jersey <http://www.drpa.org/>

Dredging Coastal Ports: An Assessment of the Issues
<http://www.netLibrary.com/urlapi.asp?action=summary&v=1&bookid=14682> Electronic book.

Duluth Seaway Port Authority <http://www.duluthport.com/index.html> The Duluth Seaway Port Authority is an independent public agency created by the Minnesota Legislature in 1955.

Electronic Port Network <http://www.eportnet.com/> EPort provide links to numerous web sites throughout the world representing every conceivable facility, product or service relating to marine transportation.

European Federation of Inland Ports <http://www.inlandports.be>

Georgia Ports Authority <http://www.gaports.com/>

Jacksonville Port Authority <http://jaxport.com/>

Marine Exchange/Portsource of Southern California <http://www.marineexchange.org/>
Since 1923 the Marine Exchange has maintained a continuous 24-hour operation providing detailed records of all vessel arrivals and departures in San Pedro Bay, the busiest harbor in America. Available information includes: vessel name, estimated time of arrival/departure (ETA/ETD), real time arrival/departures, ship type, tonnage, owner, agent, last/next port of call, berth or anchorage assignment, purpose of call and Lloyd's data.

Mississippi Ports Web On-Line <http://www.gomdot.com/ports/default.htm>

North Carolina Ports <http://www.ncports.com/>

Port Authority of New York and New Jersey <http://www.panynj.gov/>

Port <http://www.port.nmm.ac.uk/> A maritime information gateway portal containing high-quality maritime resources on the internet.

Port of Baltimore www.mpa.state.md.us

Port of Gibraltar <http://62.121.2.110/gibraltarport2/directory.cfm>

Port of Halifax <http://www.portofhalifaxmagazine.com/>

Port of Houston Authority <http://www.portofhouston.com/>

Port of New Orleans <http://www.portno.com/>

Port of Oakland <http://www.portoakland.com/maritime/index.asp>

Port of Portland <http://www.portofportland.com>

Port Report: The Latest News from the Ports of Massachusetts
<http://www.state.ma.us/seaports>

Portualia.com <http://www.portualia.com> Web portal specializing in maritime transportation and port services. In Spanish.

Privatization and Regulation in the Seaport Industry
<http://www.worldbank.org/html/dec/Publications/Workpapers/wps2000series/wps2181/wps2181-abstract.html> A World Bank Institute report. Containerized shipping has brought profound changes to maritime transport, including a shift from labor-intensive to more capital-intensive activities. Revising the traditional organization of seaports, everywhere will prepare ports for a more competitive market and less financial dependence on governments.

Saint Paul Port Authority <http://www.sppa.com/>

South Carolina Ports <http://www.port-of-charleston.com/>

State Programs for Financing Port Development: A Report
<http://lcweb.loc.gov/catdir/toc/97-73904.html>

U.S. Defense Mapping Agency, Hydrographic Center. Distances Between Ports
<http://purl.access.gpo.gov/GPO/LPS8039>

U.S. Environmental Protection Agency, Office of Air and Radiation. Commercial Marine Activity for Deep Sea Ports in the United States: Final Report

<http://www.epa.gov/oms/marine.htm>

World Port Index: NIMA Publications

http://164.214.12.145/pubs/pubs_j_wpi_sections.html Full text access to the National Imagery and Mapping Agency (NIMA) World Port Index.

SECURITY and SAFETY

Australian Maritime Safety Authority www.amsa.gov.au The Australian Maritime Safety Authority is a largely self-funded government agency with the charter of enhancing efficiency in the delivery of safety and other services to the Australian maritime industry.

Container Security: Current Efforts to Detect Nuclear Materials, New Initiatives, and Challenges <http://www.gao.gov/new.items/d03297t.pdf> This testimony discusses the programs already in place to counter attempts to introduce nuclear materials into the country, new initiatives now under way to enhance the nation's security against such attempts, and the key challenges faced in implementing these various efforts.

Hazardous Cargo Bulletin

<http://www.hazardouscargo.com/NASApp/cs/ContentServer?pagename=LLPortal/HazardousCargo> Hazardous Cargo Bulletin has been acknowledged as the leading magazine for those involved in the transport, storage and handling of chemicals, gases and oils and related materials worldwide for over 23 years.

International Perspective on Maritime Security <http://www.uscg.mil/hq/g-m/nmc/security/papers.htm> Abstracts from a publication by the Department of Transportation and the Maritime Security Council.

Maritime Security Bulletin <http://www.thedigitalship.com/maritimesecuritybulletin/> News, feature articles and conferences about maritime security shipboard security, container security, port security and risk assessments.

Maritime Security Council <http://www.maritimesecurity.org/Frame.html> The Maritime Security Council was created in 1988 to address the many security concerns of the U.S. and international maritime community. The MSC is a member-driven organization that works closely with the U.S. government agencies concerned with commercial vessel security.

Maritime Security Issues - Links <http://www.unols.org/rvoc/security.html> Collection of website links from different governmental agencies and associations dealing with maritime security.

Maritime Security.com <http://www.maritimesecurity.com/> Offers training material designed and written by federal law enforcement officers within the Transportation Security Administration. These items are offered for sale to the public with no official affiliation to the Transportation Security Administration.

Port Security – A National Planning Guide <http://www.uscg.mil/hq/g-m/nmc/security/portplan.htm> Produced for the purpose of conveying the U.S. Department of Transportation's policy perspective on port security to the maritime community. This guide provides an overview of the essential aspects of port security and identifies many of the challenges facing ports. It is also intended to provide local governments and the commercial maritime industry with a common basis upon which to establish port security standards and the outcomes expected from meeting those standards.

Transportation Research Board (TRB), Transportation System Security <http://www4.nas.edu/trb/homepage.nsf/web/security> Enhancing the security of our transportation system is expected to be one of the highest priorities of transportation agencies. TRB and The National Academies have generated extensive information on this issue in recent years. This website brings together much of this information. Also included are links to other related websites that contain discussions of issues, actions that can be taken, guidance and training opportunities.

Transportation Security Administration <http://www.tsa.gov/public/index.jsp>

U.S. Coast Guard - Marine Safety Manual <http://www.uscg.mil/hq/g-m/nmc/pubs/msm/> The Chapters of the Marine Safety Manual that are displayed are corrected and up to date (all changes have been entered).

U.S. Coast Guard - Lock and Dam Security Assessment List <http://www.uscg.mil/d9/wwm/mso/buffalo/BUFMS%20LOCK%20&%20DAM%20SECURITY%20SURVEY.pdf> Five-page checklist to help assess lock or dam security.

U.S. DOT Bureau of Transportation Statistics, The National Transportation Library (NTL) Digital Collection – Marine Safety and Security <http://ntl.bts.gov/display.cfm?sub=m4&cat=13> Collection of hundreds of electronic documents and websites on maritime safety and security.

U.S. DOT Bureau of Transportation Statistics, The National Transportation Library FAQ – Port Security <http://ntl.bts.gov/faq/portsecurity.html> Collection of links related to port security.

U.S. DOT Maritime Administration – Inter-American Port Security Training Program <http://www.marad.dot.gov/Programs/training%202002.html> The objectives of the project were to reduce port and cargo security vulnerabilities of the Region's ports.

U.S. DOT Maritime Administration – Maritime Security Program (MSP) <http://www.marad.dot.gov/Programs/MSP/MSPcover.html> The Maritime Security Program (MSP) is a fundamental element of the U.S. maritime transportation system providing an active, privately owned, U.S.-flag, and U.S.-crewed liner fleet in international trade. The MSP participants, ship capacity and intermodal assets are committed to Department of Defense contingency contracts to support national defense and other security requirements.

U.S. DOT Maritime Administration – Port Security <http://www.marad.dot.gov/Programs/portsecurity.html> The Maritime Administration is working to increase maritime industry standards including the security of U.S. ports and vested interests. MARAD's efforts to protect our interests at home and abroad include port security grants, cargo container security efforts, credentialing measures, and training initiatives.

WEATHER

National Weather Research Institute <http://www.nwri.ca/nwri-e.html> The NWRI is Canada's preeminent freshwater research facility, the largest in the country with centers on the shores of the Great Lakes in Burlington, Ontario and in the heart of the Canadian Prairies in Saskatoon, Saskatchewan.

U.S. Army Corps of Engineers, Navigation Information Connection <http://www.mvr.usace.army.mil/navdata/nic.htm> This site gives news and information on weather conditions, lock and river conditions of different canals, etc.

U.S. National Weather Service <http://www.nws.noaa.gov/>